



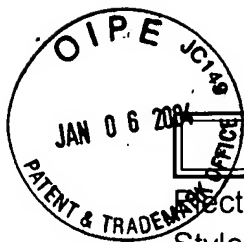
Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 53162  
Application ID: 10605041  
Title of Invention: METAL INJECTION MOLDING  
MATERIAL WITH HIGH ASPECT  
RATIO FILLER  
First Named Inventor: Kevin McCULLOUGH  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-09-03  
Effective Receipt Date: 2004-01-06  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 2040  
Attorney Docket Number: C001P00404US2




Total Fees Authorized:

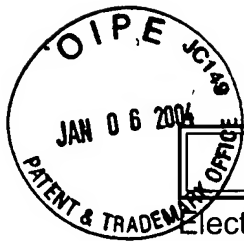
Digital Certificate Holder: cn=David Josephs,ou=Registered Attorneys,ou=Patent and Trademark  
Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 46f55b79c1a4798dd0deb30a51c486286efd9b9e



# TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	METAL INJECTION MOLDING MATERIAL WITH HIGH ASPECT RATIO FILLER									
Application Number: 10/605041 										
Date: 2003-09-03										
First Named Applicant: Mr. Kevin A. McCULLOUGH										
Confirmation Number: 2040										
Attorney Docket Number: C001P00404US2										
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mr. David R. Josephs Registered Number: 34,632</td><td>/david r. josephs/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Mr. David R. Josephs Registered Number: 34,632	/david r. josephs/	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Mr. David R. Josephs Registered Number: 34,632	/david r. josephs/	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>P0404US2-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	P0404US2-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	P0404US2-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

METAL INJECTION MOLDING MATERIAL WITH HIGH  
ASPECT RATIO FILLER

Application Number: 10/605041



Confirmation Number: 2040

First Named Applicant: Kevin McCULLOUGH

Attorney Docket Number: C001P00404US2

Art Unit: 1775

Search string: ( T904012 or 3398233 or 3673121 or 3708387  
or 40998945 or 4307147 or 4367745 or  
4496475 or 4568592 or 4664971 or 4689250 or  
4689250 or 4816184 or 5011870 or 5011872 or  
5011870 or 5021494 or 5098610 or 5106540 or  
5180513 or 5213715 or 5213715 or 5225110 or  
5286416 or 5302456 or 5334330 or 5373046 or  
5397608 or 5445308 or 5490319 or 5522962 or  
5536568 or 5580493 or 56693811 or 5681883  
or 5770305 or 5834337 or 5851644 or 5863467  
or 5945217 or 6048919 or 4470063 or 5037590  
or 5373046 or 5400505 or 5454425 or 5552214  
or 5660923 or 5981085 or 6139783 or 6303096  
or 20020022686 or 20020025998 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	T904012	1972-11-07	Staniland		252	503
	2	3398233	1968-08-20	Lizasoain et al.		174	110
	3	3673121	1972-06-27	Meyer		252	511
	4	3708387	1973-01-02	Turner et al.		161	168
	5	40998945	1978-07-04	Oehmke		428	327
	6	4307147	1981-12-22	Ohishi et al.		428	268
	7	4367745	1983-01-11	Welage		128	303.13
	8	4496475	1985-01-29	Abrams		252	514
	9	4568592	1986-02-04	Kawaguchi et al.		428	107

	10	4664971	1987-05-12	Soens
	11	4689250	1987-08-25	Quella et al.
	12	4689250	1987-08-25	Quella et al.
	13	4816184	1989-03-28	Fukuda et al.
	14	5011870	1991-04-13	Peterson
	15	5011872	1991-04-30	Lathan et al.
	16	5011870	1991-04-30	Peterson
	17	5021494	1991-06-04	Toya
	18	5098610	1992-03-24	Okamura et al.
	19	5106540	1992-04-21	Barma et al.
	20	5180513	1993-01-19	Durand
	21	5213715	1993-02-25	Patterson et al.
	22	5213715	1993-05-25	Patterson et al.
	23	5225110	1993-07-06	Kathirgamanathan
	24	5286416	1994-02-15	Teichmann et al.
	25	5302456	1994-04-12	Matsui
	26	5334330	1994-08-02	Rowlette
	27	5373046	1994-12-13	Okamura et al.
	28	5397608	1995-03-14	Soens
	29	5445308	1995-08-29	Nelson et al
	30	5490319	1996-02-13	Nakamura et al.
	31	5522962	1996-06-04	Koskenmaki et al.
	32	5536568	1996-07-16	Teruo
	33	5580493	1996-12-03	Chu et al.
	34	56693811	1997-09-23	Hyatt
	35	5681883	1997-10-28	Hill et al.
	36	5770305	1998-06-23	Terasaka
	37	5834337	1998-11-10	Unger et al.
	38	5851644	1998-12-22	McArdle et al.
	39	5863467	1999-01-26	Mariner et al.
	40	5945217	1999-08-31	Hanrahan
	41	6048919	2000-04-11	McCullough
	42	4470063	1984-09-04	Arakawa et al.
	43	5037590	1991-08-06	Fukushima
	44	5373046	1994-12-13	Okamura et al.
	45	5400505	1995-03-28	Wei et al.

428	288
427	216
427	216
252	511
253	220
523	440
253	220
524	404
252	511
252	511
252	62.55
252	518
252	518
252	515
252	512
428	407
252	512
524	413
428	34.5
228	121
29	596
156	272.4
428	327
252	511
428	402
524	404
428	328
438	122
428	213
252	511
428	389
524	404
357	67
264	29.2
524	413
29	889

	46	5454425	1995-10-03	Kao	164	520
	47	5552214	1996-09-03	Kobomura et al.	428	294
	48	5660923	1997-08-26	Bieler et al.	442	377
	49	5981085	1999-11-09	Ninomiya et al.	428	614
	50	6139783	2000-10-31	McCullough	264	40.1
	51	6303096	2001-10-16	Yamamoto et al.	423	447.2

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020022686	2002-02-21	Itoh et al.		524	504
	2	20020025998	2002-02-28	McCullough et al.	A1	524	66

Signature

Examiner Name	Date